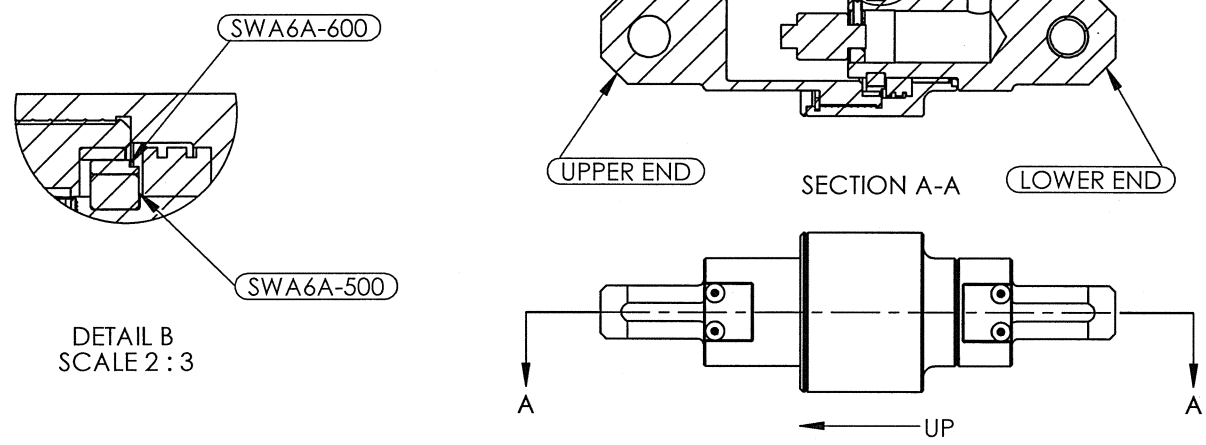
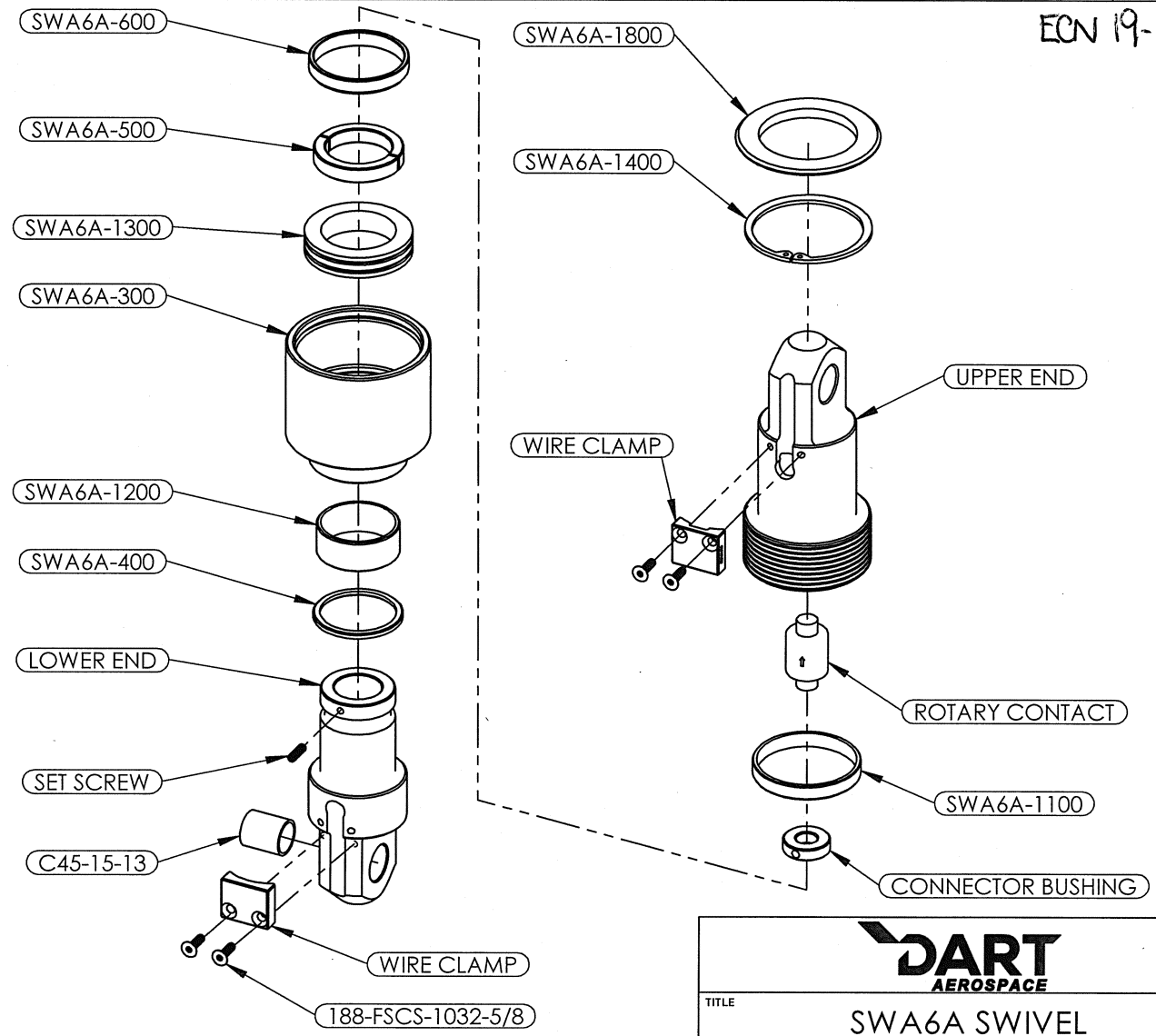


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		REPLACED ID DECAL 600.1318 WITH LASER ETCH	11/16/2012	JAG	
B		ADDED MISSING PART C45-15-13	8/8/2013	JAG	RW
3	15-0105	UPDATED TO NEW DRAFTING STANDARDS. ADDED LASER ENGRAVING SHEET. SWA6A-1900 CH'D QTY'S: ASSY -4 WAS 8 IS 4, ASSY -6 WAS 12 IS 8, ASSY -8 WAS 16 IS 12. SWA6A-2000 ADDED P/N: ASSY -4, -6, -8 QTY 4. EL-PLUG-F & EL-PLUG-M CH'D QTY'S: ASSY -4, -6, -8 WAS 1 IS 0. 188-FPSS-1032-5/8 CH'D QTY'S: ASSY -3, -4, -6, -8 WAS 1 IS 0. 188-FPSS-1032-1/4 ADDED P/N: ASSY -8 QTY 1. 188-FPSS-1032-3/8 ADDED P/N: ASSY -6 QTY 1. 188-FPSS-1032-1/2 ADDED P/N: ASSY -3, -4 QTY 1. EL314-SJTOW, EL414-ARTIC, EL616-ARTIC, EL816-ARTIC CH'D QTY'S: ASSY -2, -3, -4, -6, -8 WAS 6 IS 1. ADDED B/O INFO 6FT. 600.1319 ADDED CUSTOMER REBUILD ONLY NOTE. CH'D P/N WAS 188-FSCS-1032-1/2 IS 188-FSCS-1032-5/8 ADDED B/O INFO #92210A303.	5/15/2015	DPD	JAG
4	17-0114	CH'D P/N WAS EL816-ARTIC ARTIC IS 30806 & CH'D B/O INFO WAS 6FT. (TRUCK & AUTO SUPPLY #EL816-ARTIC) IS 6FT. (POLAR WIRE #30806). ADDED NOTE 3.	5/10/2017	RJC	SM
E		WIRE CLAMP -700B ADDED FOR 3 WIRE CONFIG., WIRE P/N CHANGED, 2 WIRE ADDED, NOTES CHANGED, DART PLACARD ADDED	2/13/2019	VM	VM
F		ITEM INTO -8 WAS SWA6A-210 IS SWA6A-210A, ITEM INTO -8 WAS SWA6A-700A IS SWA6A-700C, QTY OF 188-FSCS-1032-5/8 INTO -8 WAS 6 IS 8	2019-08-29	VM	VM
G		ITEM INTO -8 WAS SWA6A-110 IS SWA6A-110A, QTY OF 188FSCS-1032-5/8 INTO -8 WAS 8 IS 12	2019-09-05	VM	VM

-2/ QTY.	-3/ QTY.	-4/ QTY.	-6/ QTY.	-8/ QTY.	B/O	Part #	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
1	1	1	-	-		SWA6A-100	LOWER END	SS 17-4, H1075, H1150		1
-	-	-	1	-		SWA6A-110	LOWER END	SS 17-4, H1075/H1150		1
-	-	-	-	1		SWA6A-110A	LOWER END	S 17-4, H1075/H1150		
1	1	1	-	-		SWA6A-200	UPPER END	SS 17-4, H1150, H1075		1
-	-	-	1	-		SWA6A-210	UPPER END	SS 17-4, H1075/H1150		1
-	-	-	-	1		SWA6A-210A	UPPER END	SS 17-4, H1075/H1150		1
1	1	1	1	1		SWA6A-300	BEARING HOUSING	SS 17-4 H1150/H1075		1
1	1	1	1	1		SWA6A-400	THRUST WASHER	AL-BRONZE 630		1
1	1	1	1	1		SWA6A-500	SEMI - RING	17-4, H1150		1
1	1	1	1	1		SWA6A-600	COLLAR	17-4, H1150, H1075		1
2	-	-	-	-		SWA6A-700	WIRE CLAMP	6061-T6		1
-	-	2	2	-		SWA6A-700A	WIRE CLAMP	6061-T6		1
-	2	-	-	-		SWA6A-700B	WIRE CLAMP	6061-T6		1
-	-	-	-	2		SWA6A-700C	WIRE CLAMP	6061-T6		1
1	-	-	-	-		SWA6A-800A	CONNECTOR BUSHING			1
-	1	1	-	-		SWA6A-800B	CONNECTOR BUSHING			1
-	-	-	1	-		SWA6A-800C	CONNECTOR BUSHING			1
1	-	-	-	-	B/O	SWA6A-900A	ROTARY CONTACT		MERCOTAC #230	1
-	1	-	-	-	B/O	SWA6A-900B	ROTARY CONTACT		MERCOTAC #330	1
-	-	1	-	-	B/O	SWA6A-900C	ROTARY CONTACT		MERCOTAC #430	1
-	-	-	1	-	B/O	SWA6A-900D	ROTARY CONTACT		MERCOTAC #630	1
-	-	-	-	1	B/O	SWA6A-900E	ROTARY CONTACT		MERCOTAC #830	1
1	1	1	1	1		SWA6A-1100	UPPER DU BEARING			1
1	1	1	1	1	B/O	SWA6A-1200	LOWER DU BEARING		(KAMAN #MB4520DU)	1
1	1	1	1	1	B/O	SWA6A-1300	ROLLER THRUST BEARING		(KAMAN 81109TN)	1
1	1	1	1	1	B/O	SWA6A-1400	CIRCLIP		(KAMAN #N13000 300SPP)	1
1	1	1	1	1		SWA6A-1800	COVER	S.S.		1
4	6	4	8	12	B/O	SWA6A-1900	1/4" FEMALE SPADE CONNECTOR		(MCMaster-CARR #69525K16)	1
-	-	4	4	4	B/O	SWA6A-2000	1/8" FEMALE SPADE CONNECTOR		(MCMaster-CARR #69525K14)	1
4	4	4	4	12	B/O	188-FSCS-1032-5/8	FLAT SOCKET CAP SCREW	S.S.	10-32 x 5/8 (MCMaster-CARR #92210A303)	1
1	-	-	-	-	B/O	188-FPSS-1032-5/8	SET SCREW	S.S.	10-32 x 5/8 (MCMaster-CARR #92311A430)	1
1	-	-	-	-	B/O	TEXCAN#01121-724AM	2 CONDUCTOR 14 AWG		6 FT. (TEXCAN #01121-724AM)	N/S
-	1	-	-	-	B/O	TEXCAN#01121-734A5	3 CONDUCTOR 14 AWG		6 FT. (TEXCAN #01121-734A5 OR 01004-08-047)	N/S
-	-	1	-	-	B/O	TEXCAN#01121-744A5	4 CONDUCTOR 14 AWG		6 FT. (TEXCAN #01121-744A5)	N/S
-	-	-	1	-	B/O	TEXCAN#04121-764A5	6 CONDUCTOR 14 AWG		6FT. (TEXCAN #04121-764A5)	N/S
-	-	-	-	1	B/O	TEXCAN#12701-08-014	8 CONDUCTOR 14 AWG		6FT. (TEXCAN#12701-08-014 OR McMaster#7081K38)	N/S
1	1	1	1	1	B/O	600.1319	UP DECAL			N/S
-	1	1	-	-	B/O	188-FPSS-1032-1/2	SET SCREW	S.S.	10-32 X 1/2 (MCMaster-CARR #94355A337)	
-	-	-	1	-	B/O	188-FPSS-1032-3/8	SET SCREW	S.S.	10-32 X 3/8 (MCMaster-CARR #94355A335)	
-	-	-	-	1	B/O	188-FPSS-1032-1/4	SET SCREW	S.S.	10-32 X 1/4 (MCMaster-CARR #94355A330)	
1	1	-	-	-	B/O	EL-PLUG-F	FEMALE PLUG	PE High Density	(MCMaster-CARR #7216K6)	
1	1	-	-	-	B/O	EL-PLUG-M	MALE PLUG	PE High Density	(MCMaster-CARR #7216K5)	
1	1	1	1	1	B/O	C45-15-13	SLEEVE	SAE 660 BRONZE	7/8 OD X 1 (MCMaster-CARR #6381K171)	
1	1	1	1	1		D2728-1	PLACARD		DART PLACARD	

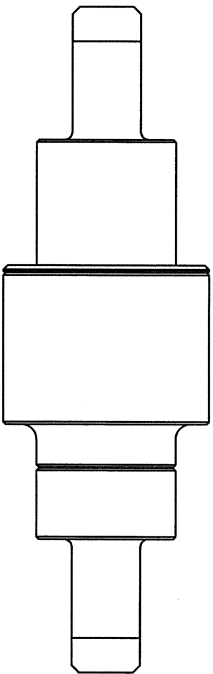
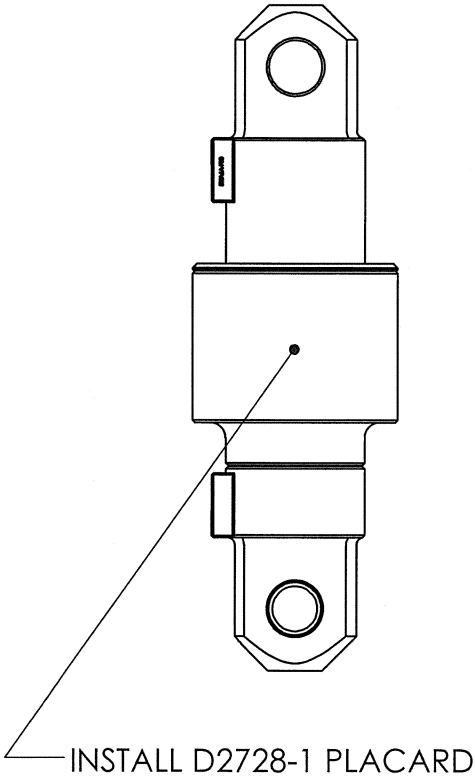


- NOTES:
- FOR CUSTOMER REBUILD ONLY.
 - ALL ASSEMBLY TO BE DONE IN ACCORDANCE WITH SWA SWIVEL MANUAL.
 - FOR 8 WIRE STRIP OUTER JACKET & REPLACE W/DOUBLE LAYER HEAT SHRINK.
 - USE HEATSHRINK TO INCREASE WIRE DIAMETER IF REQUIRED
 - "SJTOW" WIRE CAN BE USED AS A SUBSTITUTE TO TEXCAN/MCMaster CONDUCTOR & GAUGE MUST MATCH

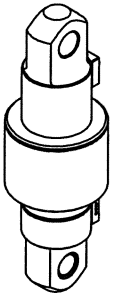
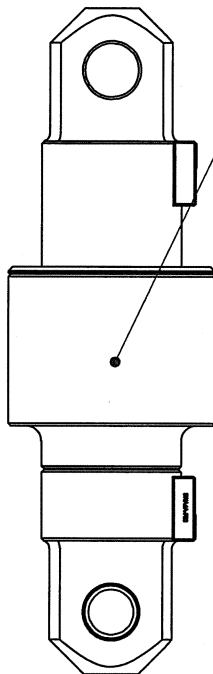
DART AEROSPACE	
TITLE SWA6A SWIVEL	
DWG NO. SWA6A	REV G
MAT'L HEAT TREAT FINISH SPEC DRAWN BY: GILBERT CHECKED: SM 05/11/2017 OPPS APPR: AA 05/12/2017 QA APPR: JL 05/24/2017 APPROVED: [Signature] SCALE N/A DATE 2/20/19 SHEET 1 OF 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0105	ADDED LASER ENGRAVING SHEET.	5/15/2015	DPD	SM



ENGRAVE P/N, S/N, SWL



TITLE SWA6A SWIVEL	
DWG NO. SWA6A	REV G
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: SM 05/11/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 05/12/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/24/2017	USED ON MODEL
APPROVED:	
SCALE N/A	DATE 2/20/19
SHEET 2 OF 2	